

WHAT IS CLAIMED IS:

1. An identification card personalization device comprising:

at least one hardware component selected from a group consisting of a print mechanism for printing onto a card and a lamination mechanism for laminating the card;

a network adapter connectable to a network; and
a web server for serving data.

2. The device of claim 1, further comprising a network connection at the network adapter wherein the device is provided an address.

3. The device of claim 2, wherein the network connection is selected from a group consisting of a wire media connection, a wireless media connection, and a fiber optic media connection.

4. The device of claim 1, further comprising a web page for publishing the data.

5. The device of claim 1, wherein the data relates to information selected from a group consisting of configuration settings, print job status, lamination job status, print supplies status, laminator supplies status, alerts, e-mail and pager messages, dynamic printer process variables, dynamic laminator process variables, uploadable applets, printer diagnostics,

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user instructions, service instructions, text messages, audio messages, video messages, firmware updates, card data, card security data, security data, encoding verification data, lamination job data, and print job data.

6. The device of claim 5, wherein the card security data relates to at least one of biometric security data and security marks.

7. The device of claim 5, wherein the encoding verification data relates to at least one of magnetic stripe data, smart card data, laser card encoding data, and proximity radio frequency identification data (RFID).

8. The device of claim 5, wherein the print job status information includes information relating to a print job selected from a group consisting of number of cards to be printed, number of printed cards, number of remaining cards to be printed, start time, estimated completion time, user identifying information, client identifying information, location of the card in the printer, remaining print supplies, and information identifying all printers which are processing the print job.

9. The device of claim 5, wherein the lamination job status information includes information relating

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to a lamination job selected from a group consisting of number of cards to be laminated, number of laminated cards, number of remaining cards to be laminated, start time, estimated completion time, user identifying information, client identifying information, location of the card in the laminator, and information identifying all laminators which are processing the lamination job.

10. The device of claim 5, wherein the configuration settings information includes information relating to the configuration of the device selected from a group consisting of general settings, card settings, print options, print controls, laminator options, lamination controls, calibration settings, and encoding settings.

11. The device of claim 5, wherein the printer diagnostics information includes information relating to control signals used to control components of the printer.

12. The device of claim 1, further comprising a security service selected from a group consisting of Secure Socket Layer (SSL), Public Key Infrastructure (PKI), and proprietary security services.

13. The device of claim 1, further comprising an uploading service for uploading data selected from a

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18. The device of claim 15, wherein the network services provides dynamic address assignment of networked devices.

19. The device of claim 18, wherein the dynamic address assignment is provided using dynamic host configuration protocol (DHCP).

20. The device of claim 15, wherein the network services provides XML messages to business-to-business applications.

21. The device of claim 15, wherein the network services provides a dynamic link to a network web page containing links to networked devices.

22. The device of claim 1, further comprising server services adapted to publish data on an active web page.

23. The device of claim 22, wherein the active web page dynamically displays data relating to information selected from a group consisting of configuration settings, print job status, print supplies status, alerts, e-mail and pager messages, dynamic printer process variables, uploadable applets, printer diagnostics, and print job data, laminator job status, laminator supplies status, laminator diagnostics, laminator job data, user instructions, service instructions, text messages, audio messages, video messages, firmware updates, and encoding verification data.

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24. The device of claim 1, including server services which are adapted to provide print job data spooling to networked devices.

25. The device of claim 1, further comprising a web client for subscribing to data.

26. The device of claim 1, further comprising server services adapted to publish printer information on a web page.

27. The device of claim 26, wherein the printer information includes information selected from a group consisting of instructions, support information, supplier information, network Hyper Text Markup Language (HTML) links to information, and network extensible Markup Language (XML) links to information.

28. The device of claim 27, wherein the HTML and XML links are links to information selected from a group consisting of instructions, support information, and supplier information.

29. The device of claim 1, further comprising an embosser.

30. The device of claim 1, wherein the device is an

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identification card printer.

31. The device of claim 1, wherein the device is an identification card laminator.

32. The device of claim 1, wherein the device is a laminating identification card printer.

33. An identification card personalization device comprising:

at least one hardware component selected from a group consisting of a print mechanism for printing onto a card and a lamination mechanism for laminating the card;
a network adapter connectable to a network; and
a web client for subscribing to data on the network.

34. The device of claim 33, further comprising a web browser, wherein the web client subscribes to the data using the web browser.

35. The device of claim 33, further comprising a web page containing links to information.

36. The device of claim 35, wherein the links are of a type selected from a group consisting of network Hyper Text Markup Language (HTML) links and network extensible Markup Language (XML) links.

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37. The device of claim 33, further comprising a network connection at the network adapter wherein the printer is provided an address.

38. The device of claim 37, wherein the network connection is selected from a group consisting of a wire media connection, a wireless media connection, and a fiber optic media connection.

39. The device of claim 33, further comprising data subscription services through which the web client subscribes to the data on the network.

40. The device of claim 33, wherein the data relates to information selected from a group consisting of image data, magnetic stripe encoding data, Smart Card encoding data, proximity (RFID) encoding data, laser card encoding data, printer settings, embossing data, printer configuration data, card data, embossing data, card security data, security data, remote access request for data, network device data, email messages, pager messages, commands for a host device, commands for a host application, extensible Markup Language (XML) data, and card construction data.

41. The device of claim 40, wherein the card security data relates to at least one of biometric security data and security marks.

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42. The device of claim 40, wherein the network device data relates to data provided by a networked device and is selected from a group consisting of image data, text data, audio data, video data, and encoder data.

43. The device of claim 42, wherein the networked device is selected from a group consisting of a personal data assistant, a camera, a scanner, a compact disc drive, a hard disc drive, memory, a DVD drive, a mobile phone, a computer, a printer, an embosser, and a laminator.

44. The device of claim 33, further comprising:
firmware code; and
firmware update services for updating the
firmware code of the printer.

45. The device of claim 33, further comprising a security service for providing security in accordance with a selection from a group consisting of Secure Socket Layer (SSL), Public Key Infrastructure (PKI), and a proprietary security method from a host application.

46. The device of claim 33, further comprising object subscription services for subscribing to code selected from a group consisting of JAVA code, an

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applet, a Component Object Model (COM), a Distributed COM, and a JPEG.

47. The device of claim 33, further comprising Uniform Resource Locator (URL) address assignment data.

48. The device of claim 33, further comprising a link to a remote web page of a type selected from a group consisting of a Hyper Text Markup Language (HTML) and an eXtensible Markup Language (XML).

49. The device of claim 33, further comprising a web server for serving data.

50. The device of claim 33, further comprising an embosser.

51. The device of claim 33, wherein the device is an identification card printer.

52. The device of claim 33, wherein the device is an identification card laminator.

53. The device of claim 33, wherein the device is a laminating identification card printer.

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